

**MARINE & AQUATIC SYSTEMS**

# Containment systems designed around the application.

Sediment • weeds • debris • water treatment • specialist marine applications


**APPLICATION-LED SELECTION**

Trade Enviro helps project teams select, configure and supply practical systems around the site, water body, load and project objective.

## Project conditions shape practical systems.

The starting point is not a catalogue item. It is the material to control, the water conditions, deployment access and the outcome required. Those inputs define a clearer system scope before quotation.

**UNDERSTAND**

Site, water body, exposure, loads and objective.

**CONFIGURE**

Barrier, curtain, boom, connection and anchoring approach.

**SUPPLY**

System, associated deployment equipment and practical support.

# Site conditions define the system

Trade Enviro's role is to turn the project objective and waterway conditions into a clear equipment scope before supply.

**01**

## UNDERSTAND THE APPLICATION

Confirm the material to control, water body, exposure, project duration and intended outcome.

**02**

## SELECT OR ENGINEER

Match the appropriate curtain, barrier or boom type with drop, section, connection and anchoring requirements.

**03**

## DESIGN, SUPPLY & SUPPORT

Provide project design/application support, the configured system and associated deployment equipment.

### SCOPE BOUNDARY

Civil works, installation and regulatory approval are not implied unless they are expressly included for the specific project.

# A connected marine and aquatic capability range

The system type is selected around what must be controlled and how the site operates — not from one generic product description.

## 01 MARINE CONTAINMENT

Floating barriers and containment systems for waterways and marine works.

## 02 SILT / SEDIMENT CURTAINS

Type 1, Type 2 and Type 3 systems, with custom-engineered configurations available to suit project conditions.

## 03 CUSTOM / IMPERVIOUS CURTAINS

Site-specific curtain configurations where a standard system is not appropriate.

## 04 AQUATIC WEED CONTROL

Boom systems that guide or retain floating vegetation at a controlled collection point.

## 05 FLOATING DEBRIS CONTROL

Containment for litter, rubbish and organic debris in suitable water bodies.

## 06 AQUATIC / DEBRIS BOOMS

Freeboard, draft, ballast, section and connection matched to the application.

## 07 WATER TREATMENT BAFFLES

Floating baffles used to influence flow paths and retention time in ponds and lagoons.

## 08 ANCHORING & DEPLOYMENT

Connections, anchoring and associated handling equipment considered with the system.

## 09 PROJECT DESIGN / APPLICATION SUPPORT

A structured scoping path from project conditions to a clear equipment and deployment brief.

# Applications across marine, civil and waterway operations

The same product family can behave very differently across calm ponds, tidal works, exposed sites and restricted deployment areas.



## PORTS, HARBOURS & MARINAS

Containment and waterway-control applications around operating marine assets.



## DREDGING & MARINE CONSTRUCTION

Sediment and turbidity-control systems for in-water and shoreline works.



## COUNCILS & WATERWAYS

Weed, debris and floating-material control around rivers, lakes and public assets.



## MINING & INDUSTRIAL SITES

Containment systems around operational ponds, waterways and controlled site areas.



## LAGOONS & TREATMENT PONDS

Baffles and barriers configured around flow paths, retention and site access.



## WEED & DEBRIS MANAGEMENT

Collection-point and interception layouts matched to the water body and debris load.



## INFRASTRUCTURE & REMEDIATION

Temporary or project-specific systems for construction and environmental works.



## SPECIALIST PROJECTS

A scoping-first path where standard categories do not fully define the requirement.

### SELECTION PRINCIPLE

Control objective + water conditions + exposure + deployment access + duration = the system scope.

# Scope first. Select the product second.

A useful recommendation depends on disciplined site information and a documented configuration path.

## PROJECT SCOPING FACTORS

|                                                 |                                                 |
|-------------------------------------------------|-------------------------------------------------|
| 01 Application and material to control          | 02 Water movement, exposure and level variation |
| 03 Water depth, curtain drop or draft           | 04 Required length and section configuration    |
| 05 Connection and termination method            | 06 Anchoring and restraint conditions           |
| 07 Deployment, retrieval and maintenance access | 08 Project duration and operating constraints   |

## EVIDENCE BEFORE RECOMMENDATION

| INPUT                   | WHY IT MATTERS                                                                       | OUTPUT                         |
|-------------------------|--------------------------------------------------------------------------------------|--------------------------------|
| Site data and photos    | Confirms geometry, access, exposure and interfaces.                                  | A clear configuration brief    |
| Confirmed project scope | Separates supplied equipment from installation, civil and approval responsibilities. | A quote with stated inclusions |

# A practical Australian interface for marine and aquatic projects

Trade Enviro brings the application, equipment scope and project communication together so the requirement can be assessed clearly.

01

## APPLICATION-LED

Start with the waterway, load and objective rather than a generic catalogue selection.

02

## CONFIGURABLE SYSTEMS

Match curtain, boom, connection, anchoring and associated equipment to the brief.

03

## PROJECT DESIGN & APPLICATION SUPPORT

Maintain a direct path from site information through scope, system configuration, quote and supply coordination.

04

## AUSTRALIA-WIDE SUPPLY

Support marine, civil, council, industrial and infrastructure requirements across Australia.

## Next step

### Discuss your project with Trade Enviro.

Share the objective, water conditions, access and timing.

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